

Pesticide Information

The Michigan Department of Community Health (MDCH) gathers reports of pesticide exposures that result in acute illnesses and injuries. MDCH receives support from the National Institute for Occupational Safety and Health (NIOSH) to investigate and track cases of Michigan workers who have an acute illness from having been exposed to pesticides on the job. We talk to workers, find out how they were exposed and how the pesticides affected their health. MDCH uses this information to help prevent future pesticide exposure incidents through education and improved workplace practices. For information about MDCH's pesticide illness and injury surveillance contact Abby Schwartz at schwartz@michigan.gov or call the toxic hotline 1-800-MI-TOXIC (1-800-648-6942).

As part of MDCH's pesticide illness and injury surveillance program, we want to provide Michigan citizens with reliable information to understand and safely use pesticides. The following resources provide a wide variety of information about pesticides themselves; proper handling, storage, and disposal of pesticides; the pests they are used to eliminate; and ways to prevent pesticide-related illnesses and injuries.

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

Resources on Pesticides

[General Pesticide Information](#)

[Pesticides at Work](#)

[Handling Safety, Storage, and Disposal](#)

[Mosquitoes and West Nile Virus](#)

[Other Particular Pests](#)

[Lawn and Garden Care](#)

[Information for Homeowners](#)

[Pesticides and Children](#)

[Alternatives to Chemical Pesticides](#)

General Pesticide Information

A pesticide is any substance or mixture of substances used to prevent, destroy, repel, or reduce pests and the damage caused by pests. Pests are living organisms that occur where they are not wanted or that cause damage to crops, humans, or other animals. Pests can include insects, weeds, fungi, and rodents. The term pesticide can refer to insecticides, herbicides, fungicides, rodenticides, antimicrobials, and various other substances used to control pests.

Pesticides are used on a daily basis in all sorts of environments – in our homes and gardens, on our bodies, in schools and other public and private buildings, and on farms to help protect crops. While pesticides are extremely helpful to us in many ways, they can also be harmful to human health when improperly used.

Links to Resources:

“What You Need to Know About Pesticides and Your Health” (MDCH)

The MDCH pesticide illness and injury surveillance program prepared this 20-page booklet with general information about different types of pesticides and their uses, possible health effects, suggested safety precautions, disposal, and Michigan resources.

http://www.michigan.gov/documents/mdch_Pesticide_Booklet_97200_7.pdf

“Citizen's Guide to Pest Control and Pesticide Safety” (Environmental Protection Agency [EPA])

A comprehensive consumer booklet from the EPA, including sections on pest management, preventing pests, non-chemical pest management, how to choose, use and dispose of a chemical pesticide, how to reduce exposure, how to deal with a pesticide emergency, and choosing a pest control company.

http://www.epa.gov/oppfead1/Publications/Cit_Guide/citguide.pdf

What is a Pesticide? (National Safety Council)

<http://www.nsc.org/issues/poison/pesticide.htm>

“What is a Pesticide?” (State of CA)*

<http://www.cdpr.ca.gov/docs/factshts/what2.pdf>

The National Pesticide Information Center (NPIC) answers questions about pesticides 9:30 am to 7:30 pm Eastern Time seven days a week except holidays at 1-800-858-7378.

<http://www.npic.orst.edu/>

Using Insecticides (Michigan State University [MSU] Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500536.html>

MDA Pesticide Notification Registry (Michigan Department of Agriculture [MDA])

MDA maintains a pesticide notification registry for Michigan; a database of people who, due to a medical condition, need to be notified before pesticide applications on their property. The web page includes instruction on how to register.

http://www.michigan.gov/mda/0%2C1607%2C7-125-1566_2405_2447---%2C00.html

Pesticides: Regulating Pesticides. A pesticide cannot be legally used if the EPA's Office of Pesticide Programs has not registered it. (EPA)

<http://www.epa.gov/pesticides/regulating/registering/index.htm>

Illegal Pesticide Products (EPA)

<http://www.epa.gov/pesticides/health/illegalproducts/index.htm>

The National Pesticide Information Retrieval System website includes all pesticides registered for use in Michigan. (Purdue University)

<http://state.ceris.purdue.edu/>

The Pesticide Product Information System allows you to search for information about specific products by product name, active ingredient, or company name. (EPA/State of CA)

<http://www.cdpr.ca.gov/docs/epa/epamenu.htm>

“Integrated Pest Management: Legal Requirements for Pesticide Use in Schools, Health Care Facilities, and Public Buildings” (MDA)

http://www.michigan.gov/documents/MDA_IntegratedPestManagement_79995_7.pdf

“Management of Pesticides: Pesticide Management in Schools” (State of MN)

<http://www.mda.state.mn.us/ipm/fspesticides.pdf>

“Información Para Emergencias Relacionadas con Pesticidas” Worksheet in Spanish with numbers to call in case of a pesticide emergency. (MSU)

<http://www.pested.msu.edu/Resources/Espanol/pdf/Pest.%20Emrg.%20Info%20sph.pdf>

“Recognition and Management of Pesticide Poisonings”. A book available for physicians in English and Spanish. (EPA)

<http://www.epa.gov/oppfead1/safety/healthcare/handbook/handbook.htm>

National Strategies for Healthcare Providers: Pesticides Initiative (National Environmental Education and Training Foundation)

<http://www.neetf.org/Health/providers/index.htm>

“Pesticides and Human Health: A Resource for Health Care Professionals” Available for \$12.50. (Physicians for Social Responsibility)

http://envirohealthaction.org/toxics/pesticides/articles.cfm?article_ID=121

Information about the Environmental Protection Agency pesticides program (EPA)

<http://www.epa.gov/pesticides/>

National Ag Safety Database. Information on pesticides and agricultural safety, including environmental concerns, occupational health hazards, and labeling information. (Centers for Disease Control and Prevention [CDC])

<http://www.cdc.gov/nasd/menu/topic/chemicals.html>

Listing of all EPA pesticide fact sheets (EPA)

http://www.epa.gov/pesticides/factsheets/alpha_fs.htm

“CDC’s Third National Report on Human Exposure to Environmental Chemicals: Spotlight on Organochlorine Pesticides.” (CDC)

http://www.cdc.gov/exposurereport/pdf/factsheet_organochlorine.pdf

“CDC’s Third National Report on Human Exposure to Environmental Chemicals: Spotlight on Organophosphate Pesticides.” (CDC)

http://www.cdc.gov/exposurereport/pdf/factsheet_organophosphate.pdf

“CDC’s Third National Report on Human Exposure to Environmental Chemicals: Spotlight on Pyrethroids.” (CDC)

http://www.cdc.gov/exposurereport/pdf/factsheet_pyrethroids.pdf

The Extension Toxicology Network search function allows access to pesticide information profiles, toxicology and environmental chemistry information, fact sheets and technical information on pesticide toxicology. (ExToxNet)

<http://extoxnet.orst.edu/>

Toxic Substances Information Directory (MDCH)

The Toxic Substances Information Directory provides an easy-to-use, quick reference document for looking up information on an environmental or occupational health topic, including a chapter on pesticide resources.

http://www.michigan.gov/mdch/0,1607,7-132-2945_5105-80557--,00.html

Toxtown (National Institutes of Health [NIH])

Toxtown is an interactive guide to commonly encountered toxic substances, your health, and the environment. It uses color, graphics, sounds and animation to convey connections between chemicals, the environment, and the public's health.

<http://toxtown.nlm.nih.gov/>

ToxFAQs™ are a series of summaries about hazardous substances developed by the Agency for Toxic Substances and Disease Registry (ATSDR).

<http://www.atsdr.cdc.gov/toxfaq.html>

(Spanish) http://www.atsdr.cdc.gov/es/toxfaqs/es_toxfaqs.html

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

[Back to Menu](#)

Pesticides at Work

MDCH Occupational Pesticide Illness and Injury Surveillance Project Brochures

http://www.michigan.gov/documents/Pesticide3_87825_7.pdf

(Spanish) http://www.michigan.gov/documents/mdch_OccPesticidesSpanish_97225_7.pdf

"Occupational Pesticide Illness and Injury Surveillance in Michigan June 2001 – December 2003" Results of the Michigan surveillance program through 2003. (MDCH)

http://www.michigan.gov/documents/Pesticides_Annual_report_2003_finajpeg_127710_7.pdf

The National Institute for Occupational Safety and Health pesticide illness and injury surveillance program. (NIOSH)

<http://www.cdc.gov/niosh/topics/pesticides/>

Michigan State University's (MSU) occupational and environmental medicine division compiles Michigan occupational health data. Click on "Submit Occupational Disease Report" for the form to report a case of work-related pesticide illness or injury online.

<http://www.oem.msu.edu>

“Recognition and Management of Pesticide Poisonings”. A book available for physicians in English and Spanish. (EPA)

<http://www.epa.gov/oppfead1/safety/healthcare/handbook/handbook.htm>

National Strategies for Healthcare Providers: Pesticides Initiative (National Environmental Education and Training Foundation)

<http://www.neetf.org/Health/providers/index.htm>

“Pesticides and Human Health: A Resource for Health Care Professionals” Available for \$12.50. (Physicians for Social Responsibility)

<http://www.tomfolio.com/bookdetailsfg.asp?b=E1117&m=150>

MDA's Plant and Pest Management Division is responsible for the implementation of programs and enforcement of laws concerning agricultural products, export commodities, pesticide sale and use, pest management and groundwater protection.

http://www.michigan.gov/mda/0%2C1607%2C7-125-1572_2875-8324--%2C00.html

MDA information on the licensing for pesticide application businesses, credentialing for registered and certified applicators, and current laws and regulations for pesticide application.

http://www.michigan.gov/mda/0%2C1607%2C7-125-1569_16988---%2C00.html

Worker Safety and Training and Worker Protection Standards (EPA)

<http://www.epa.gov/pesticides/health/worker.htm>

National Ag Safety Database. Information on pesticides and agricultural safety, including environmental concerns, occupational health hazards, and labeling information. (CDC)

<http://www.cdc.gov/nasd/menu/topic/chemicals.html>

West Nile Virus Information for Outdoor Workers (MDCH)

http://www.michigan.gov/documents/WNV/OutdoorWorkers_73650_7.doc

The National Pesticide Information Retrieval System website includes all pesticides registered for use in Michigan.

<http://state.ceris.purdue.edu/>

General information about the Environmental Protection Agency pesticides program (EPA)

<http://www.epa.gov/pesticides/>

The Extension Toxicology Network search function allows access to pesticide information profiles, toxicology and environmental chemistry information, fact sheets and technical information on pesticide toxicology. (ExToxNet)

<http://ace.orst.edu/info/extoxnet/>

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

[Back to Menu](#)

Handling, Safety, Storage and Disposal

How to Handle Household Pesticides (MDA)

http://www.michigan.gov/mda/0,1607,7-125-1566_2405-7802--,00.html

“Pesticide Safety Handbook” A 28-page booklet in English and Spanish (Children’s Health Environmental Coalition)

http://www.checnet.org/healthhouse/education/articles-detail.asp?Main_ID=644

“What Does a Pesticide Label Say?” (MSU)

<http://www.pested.msu.edu/Resources/pdf/WhatDoesLabelSay.pdf>

“Entendiendo una Etiqueta de Pesticidas” Reading a Pesticide Label (MSU)

<http://www.pested.msu.edu/Resources/Espanol/pdf/Pestspanish1.pdf>

Pesticide Protection (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500586.html>

Michigan Clean Sweep helps protect natural resources and prevent pollution by ensuring the safe and proper disposal of outdated, unused or unwanted pesticides in Michigan.

http://www.michigan.gov/mda/0,1607,7-125-1568_2383_2406-11759--,00.html

Using Pesticides Safely. Includes links to other EPA consumer-oriented brochures regarding pesticide safety for both children and adults. (EPA)

<http://www.epa.gov/pesticides/health/safely.htm>

Reading a Pesticide Label (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500584.html>

“Read the Label *First!* Protect Your Kids” (EPA)

<http://www.epa.gov/opptintr/labeling/rtlf/kids.pdf>

Interactive Label Display (EPA)

<http://www.epa.gov/pesticides/label/>

National Ag Safety Database. Information on pesticides and agricultural safety, including environmental concerns, occupational health hazards, and labeling information. (CDC)

<http://www.cdc.gov/nasd/menu/topic/chemicals.html>

How to Use Insect Repellents Safely (EPA)

<http://www.epa.gov/pesticides/factsheets/insectrp.htm>

“Bug Bombs – Overkill Can Be Dangerous” (State of WA)

http://www3.doh.wa.gov/here/materials/PDFs/24_BugBombs_E04L.pdf

Pesticide Storage and Container Disposal (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500537.html>

“Información Para Emergencias Relacionadas con Pesticidas” Worksheet in Spanish with numbers to call in case of a pesticide emergency. (MSU)

<http://www.pested.msu.edu/Resources/Espanol/pdf/Pest.%20Emrg.%20Info%20sph.pdf>

“Buy less, lock it away, and dispose with care” (State of CA)*

<http://www.cdpr.ca.gov/docs/factshts/storage.pdf>

“A Guide on Laundering Pesticide Contaminated Clothing” (CDC)

<http://www.cdc.gov/nasd/docs/d000701-d000800/d000772/d000772.pdf>

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

[Back to Menu](#)

Mosquitoes and West Nile Virus

Pesticides and Mosquito Control (MDCH)

http://www.michigan.gov/emergingdiseases/0,1607,7-186-25805_25824-75800--,00.html

Information on West Nile Virus and Mosquito Repellent (MDCH)

http://www.michigan.gov/emergingdiseases/0,1607,7-186-25805_25820-75626--,00.html

Homeowner Mosquito Control (MDCH)

http://www.michigan.gov/emergingdiseases/0,1607,7-186-25805_25824-75796--,00.html

Mosquito Control Projects - Information on regulations about applying pesticides to Michigan's surface waters (Michigan Department of Environmental Quality [DEQ])

http://www.michigan.gov/deq/0%2C1607%2C7-135-3313_24554-68318--,00.html

“Community Spray Programs” (MSU)

<http://www.pested.msu.edu/Resources/Home&Garden/index.html>

EPA and Mosquito Control (EPA)

<http://www.epa.gov/pesticides/factsheets/skeeters.htm>

“CDC’s Third National Report on Human Exposure to Environmental Chemicals: Spotlight on DEET.” (CDC)

http://www.cdc.gov/exposurereport/pdf/factsheet_deet.pdf

Updated Information regarding Insect Repellents (CDC)

<http://www.cdc.gov/ncidod/dvbid/westnile/RepellentUpdates.htm>

“Fight the Bite: Don’t Grow Your Own Mosquitoes” (State of CA)*

<http://www.cdpr.ca.gov/docs/factshts/checklist.pdf>

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

[Back to Menu](#)

Other Particular Pests

Cockroaches

“Questions and Answers about Cockroaches” (MDA)

http://www.michigan.gov/documents/MDA_Roaches_79992_7.pdf

Cockroaches (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500526.html>

Cockroach Control Manual (University of Nebraska)

<http://pested.unl.edu/cocktoc.htm>

Get Rid of Cockroaches (State of NY)

<http://www.health.state.ny.us/nysdoh/pest/roach.htm>

Elimine a las Cucarachas (State of NY)

<http://www.health.state.ny.us/nysdoh/pest/roachspa.htm>

Fleas

Information on fleas (MDA)

<http://www.michigan.gov/mda/0,1607,7-125--14602--,00.html>

Fighting Fleas and Ticks (US Food and Drug Administration [FDA])

http://www.fda.gov/fdac/features/696_flea.html

How to Manage Pests: Fleas (University of CA Davis)

<http://axp.ipm.ucdavis.edu/PMG/PESTNOTES/pn7419.html>

Ridding Your Home of Fleas (University of Kentucky)

<http://www.uky.edu/Agriculture/Entomology/entfacts/struct/ef602.htm>

Lice

Head Lice Information (Harvard School of Public Health)

<http://www.hsph.harvard.edu/headlice.html>

The National Pediculosis Association is a non-profit health and education agency dedicated to protecting children from potentially harmful lice and scabies treatments. (NPA)

<http://www.headlice.org/>

How to Manage Pests: Head Lice (University of CA Davis)

<http://axp.ipm.ucdavis.edu/PMG/PESTNOTES/pn7446.html>

“Head Lice” (State of MN)

<http://www.mda.state.mn.us/ipm/fsheadlice.pdf>

Purchasing for Pollution Prevention: Fact Sheets on Lindane-Free Lice and Scabies Treatments. Lindane is a pesticide often used to kill head lice. (INFORM Inc.)

http://www.informinc.org/fact_P3lindane_treatments.php

Mice

“Questions and Answers about Mice” (MDA)

http://www.michigan.gov/documents/MDA_Q-n-A_Mice_79991_7.pdf

Mouse Control (State of NY)

<http://www.health.state.ny.us/nysdoh/pest/mouse.htm>

Control de Ratones (State of NY)

<http://www.health.state.ny.us/nysdoh/pest/mousesp.htm>

House Mouse Prevention & Control (State of IL)

<http://www.idph.state.il.us/envhealth/pchousemouse.htm>

Rats

Controlling the Rat – A Community Effort (State of NY)

<http://www.health.state.ny.us/nysdoh/pest/rats.htm>

Controlemos las Ratas – Un Esfuerzo Comunitario (State of NY)

<http://www.health.state.ny.us/nysdoh/pest/ratsspan.htm>

“Rat and Mouse Management in Schools” (State of MN)

<http://www.mda.state.mn.us/ipm/fsmicerats.pdf>

Termites

Termite Control (University of Kentucky)

<http://www.uky.edu/Agriculture/Entomology/entfacts/struct/ef604.htm>

Ten Termite Facts (University of Nebraska)

<http://pested.unl.edu/term3.htm>

Understanding Termite Baits (University of Nebraska)

<http://pested.unl.edu/termbait.htm>

Other Problems

Carpenter Ants (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500544.html>

Carpenter Ants (University of Kentucky)

<http://www.uky.edu/Agriculture/Entomology/entfacts/struct/ef603.htm>

“Bed Bugs are Back! An IPM Answer” (Cornell University)

http://www.nysipm.cornell.edu/publications/bed_bug.pdf

The Multi-Colored Asian Lady Beetle (MSU)

<http://www.ipm.msu.edu/asianladybeetle.htm>

Boxelder Bugs (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500549.html>

“Bug Bombs – Overkill Can Be Dangerous” (State of WA)

http://www3.doh.wa.gov/here/materials/PDFs/24_BugBombs_E04L.pdf

Emerald Ash Borer (MDA)

http://www.michigan.gov/mda/0,1607,7-125-1568_2390_18298---,00.html

Emerald Ash Borer (MSU)

<http://www.emeraldashborer.info/>

Fruit and Drain Flies (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500531.html>

European Gypsy Moth (State of WA)

<http://www.doh.wa.gov/ehp/ts/Pest/European-Gypsy-Moth.pdf>

Gypsy Moth (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500593.html>

Poison Ivy Control (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500592.html>

Spiders: Biology and Control (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500561.html>

Termites (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500545.html>

Wasp and Bee Control (University of Minnesota Extension)

<http://www.extension.umn.edu/distribution/horticulture/DG3732.html>

“Wasp and Bee Management Around Schools” (State of MN)

<http://www.mda.state.mn.us/ipm/fsbeewasp.pdf>

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

[Back to Menu](#)

Lawn and Garden Care

“Choosing a Lawn Care Company” (MSU)

<http://www.pested.msu.edu/Resources/Home&Garden/index.html>

“Lawncare 101” (DVD available for purchase - \$19.95) (MSU)

<http://web2.msue.msu.edu/bulletins/viewitem.cfm?INVKEY=E2937>

“Healthy Lawn, Healthy Environment: Caring for Your Lawn in an Environmentally Friendly Way”

A 19-page booklet that provides information about developing healthy soil, choosing the right grass type, how and when to mow and water, and thatch. (EPA)

<http://www.epa.gov/oppfead1/Publications/lawncare.pdf>

“Read the Label *First!* Protect Your Garden” (EPA)

<http://www.epa.gov/opptintr/labeling/rtlf/garden.pdf>

“How to Make Friends with Your Lawn” (State of CA)*

<http://www.cdpr.ca.gov/docs/factshts/lawn15.pdf>

Dealing with Dandelions (Northwest Coalition for Alternatives to Pesticides [NCAP])

<http://www.pesticide.org/dandelions.html>

Green Landscaping with Native Plants (EPA)

<http://www.epa.gov/greenacres/>

“Greenscaping Your Lawn and Garden” An 8-page booklet about composting and “greenscaping”. (EPA)

<http://www.epa.gov/epaoswer/non-hw/green/pubs/home-gs.pdf>

“Water-Efficient Landscaping: Preventing Pollution & Using Resources Wisely” A 19-page booklet with information and resources. (EPA)

http://www.epa.gov/owm/water-efficiency/final_final.pdf

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

[Back to Menu](#)

Information for Homeowners

Pesticide Application Businesses Licensed to do Business in Michigan (MDA)

Check to see if a pest control company is licensed to do business in Michigan.

<http://www.mda.state.mi.us/industry/pest/license/index.asp>

How to Choose a Pest Control Company (MDA)

http://www.michigan.gov/mda/0,1607,7-125-1566_2405_2444---,00.html

“Choosing a Pest-Control Company” (MSU)

<http://www.pested.msu.edu/Resources/Home&Garden/index.html>

Integrated pest management and related information for the home (MSU)

<http://www.ipm.msu.edu/consumer.htm>

“Integrated Pest Management (IPM) in the Home” (MSU)

<http://www.pested.msu.edu/Resources/Home&Garden/index.html>

Selection and Use of Household Insecticides, If Needed (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500539.html>

Homeowner Mosquito Control (MDCH)

http://www.michigan.gov/emergingdiseases/0,1607,7-186-25805_25824-75796--,00.html

“Community Spray Programs” (MSU)

<http://www.pested.msu.edu/Resources/Home&Garden/index.html>

Household Products Database from the National Library of Medicine (NIH)
Find information about household disinfectants, cleaners, personal hygiene products and more, including pesticides.

<http://householdproducts.nlm.nih.gov/index.htm>

“Read the Label *First!* Protect Your Household” (EPA)

<http://www.epa.gov/opptintr/labeling/rtlf/home.pdf>

How to Handle Household Pesticides (MDA)

http://www.michigan.gov/mda/0,1607,7-125-1566_2405-7802--,00.html

Chromated Copper Arsenate (CCA) and Its Use as a Wood Preservative (EPA)

CCA, also known as Wolmanized wood, is used to prevent wood decay in items such as decks, fences and playground equipment.

<http://www.epa.gov/oppad001/reregistration/cca/>

“Read the Label *First!* Protect Your Pet” (EPA)

<http://www.epa.gov/opptintr/labeling/rtlf/pets.pdf>

Things to Know About Pet Grooming and Pesticides (State of CA)*

<http://www.cdpr.ca.gov/docs/factshts/petgroom.htm>

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

[Back to Menu](#)

Pesticides and Children

Ten Tips to Protect Children from Pesticide and Lead Poisoning (EPA)

http://www.epa.gov/oppfead1/cb/10_tips/

“Read the Label *First!* Protect Your Kids” (EPA)

<http://www.epa.gov/opptintr/labeling/rtlf/kids.pdf>

“Join Our Pest Patrol: A Backyard Activity Book for Kids on Integrated Pest Management (EPA)

<http://www.epa.gov/pesticides/kids/pestpatrol/>

“Exploring Urban Integrated Pest Management: Activities and Resources for Teaching K-6” (MSU)

<http://www.pested.msu.edu/CommunitySchoolIpm/curriculum.htm>

Pesticide Safety Preschool Curriculum in English and Spanish (Children’s Health Environmental Coalition)

http://www.checnet.org/healthhouse/education/articles-detail.asp?Main_ID=644

Pesticide Safety Elementary School Curriculum (Children's Health Environmental Coalition)
http://www.checnet.org/healthhouse/education/articles-detail.asp?Main_ID=644

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

[Back to Menu](#)

Alternatives to Chemical Pesticides

Pest Management Using Natural Enemies (MDA)

http://www.michigan.gov/mda/0,1607,7-125-1566_2405_4883-8862--,00.html

Homemade Cleaners (MSU Extension)

<http://web1.msue.msu.edu/msue/imp/mod02/01500631.html>

Green Housecleaning (West Michigan Environmental Action Council)

<http://www.wmeac.org/publications/factsheets/greencleanhandout.pdf>

Safe Substitutes at Home: Non-Toxic Household Products (EPA)

<http://es.epa.gov/techinfo/facts/safe-fs.html>

Green Landscaping with Native Plants (EPA)

<http://www.epa.gov/greenacres/>

"Greenscaping Your Lawn and Garden" An 8-page booklet about composting and "greenscaping". (EPA)

<http://www.epa.gov/epaoswer/non-hw/green/pubs/home-gs.pdf>

"Water-Efficient Landscaping: Preventing Pollution & Using Resources Wisely" A 19-page booklet with information and additional resources. (EPA)

http://www.epa.gov/owm/water-efficiency/final_final.pdf

Pesticide Action Network North America Pesticide Advisor (PANNA)

<http://www.panna.org/resources/advisor.dv.html>

INFORM Inc. is an independent research organization that examines the effects of business practices on the environment and on human health.

<http://www.informinc.org/about.php>

For assistance with poisoning emergencies, call poison control at 1-800-222-1222

[Back to Menu](#)

*All fact sheets from the CA Department of Pesticide Regulation (DPR) available in English and Spanish at: <http://www.cdpr.ca.gov/docs/factshts/factmenu.htm>